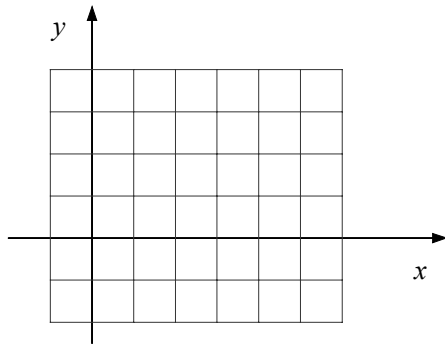
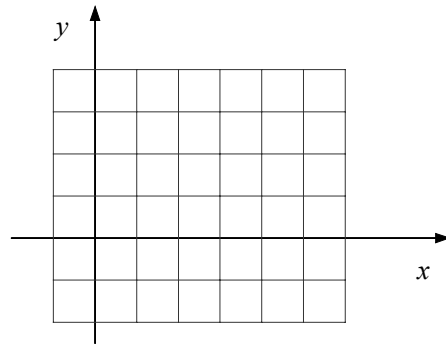


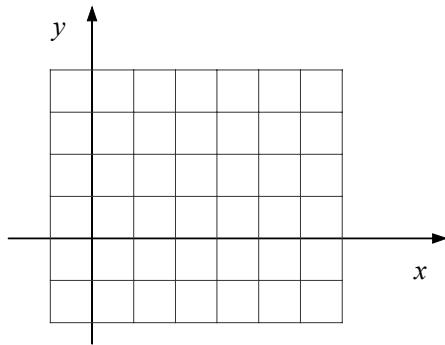
❶ Dans chacun des cas suivants, dessinez une fonction vérifiant les conditions données :



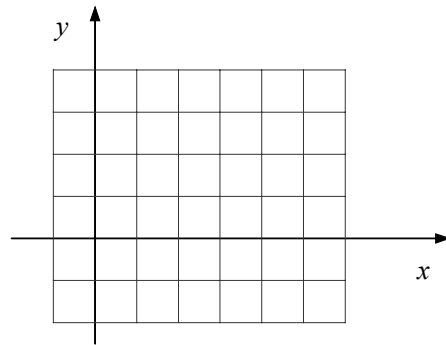
$$f(2) = 3 \text{ et } \lim_{x \rightarrow 2} f(x) = 3$$



$$f(2) = 3 \text{ et } \lim_{x \rightarrow 2} f(x) = -1$$

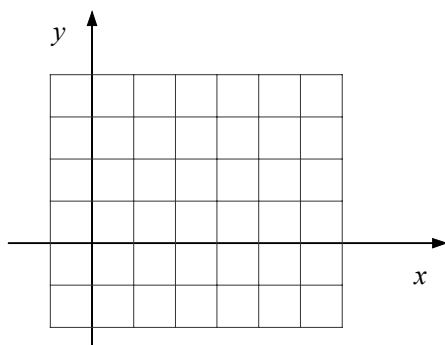


$$3 \notin \text{Dom}(f) \text{ et } \lim_{x \rightarrow 3} f(x) = 1$$



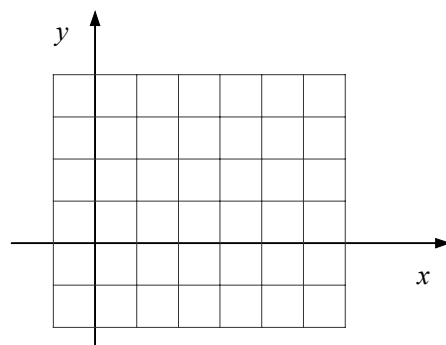
$$3 \notin \text{Dom}(f), \lim_{x \rightarrow 3^-} f(x) = 3$$

$$\text{et } \lim_{x \rightarrow 3^+} f(x) = -1$$



$$f(4) \text{ existe, } \lim_{x \rightarrow 4^-} f(x) \neq f(4)$$

$$\text{et } \lim_{x \rightarrow 4^+} f(x) = f(4)$$



$$2 \notin \text{Dom}(f), \lim_{x \rightarrow 2} f(x) = \infty$$

$$\text{et } \lim_{x \rightarrow 2^+} f(x) = -\infty$$